FIRST & Final

Orginal/Duplicate/Triplicate

# CONTRACT CERTIFICATE

(For other works)

No. EE/SSD/SBR/18/13-14 Dt 29-8-13 Date:.....

Division:: **DASARAHALLI** **Sub-Division:**

Bill Received No. 454/13-14 Dated 31.10.13 Cash Book Vocher No.....Dated.....

Scheduled Docket No..... Head of Account.....

Name of work (as Per Sanctioned Estimate.):- **Asphalting From Pipe line Road Junction to Abbigere village main Road in shettyhalli Sub division Ward No 12.**

Name of Contractor and Full Address: :- **Technical Manger (west) Karnataka Rural Infrastructure Development Limted, Projected Implementation unit, Madhavanagara,**

Reference to Agreement No:- **EE/DD/WO/122/11-12**

Certified that the measurements were taken by me on ..... .....and recorded in pages 167733/2 — 167741/2

Measurements Book No. 1678/10-11 and that the work is satisfaction executed

Contractor Signature.

Officer-in-charge of work.

Certified that the measurements were taken by me on ..... and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **Work Code No. 012-12-000019** Sub-Division Officer 29/8/13

| | | Amount | |
|---|---|---|---|
| 1 | Total Value of work done or supplies made as per account. | | |
| 2 | Deduct amount to be held in reserve being ..... Percent Rs. ..... | | |
| 3 | Deduct amount to be held in reserve being balance | | |
| 4 | Deduct payments:<br>a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No.....<br>Amount adjusted towards cash advance recovery of<br>b) Payments cost store or other materials supplied. | | |
| 5 | Balance being unpaid value of work done held in reserve Total.. | | |
| 6 | Deduct cash advance made on the office cash book vehicle No.....<br>Dated..... Less adjustments | | |
| 7 | Net amount due to or from contractor | | |
| | Unadjusted items | | |
| 8 | Advance to contractor for materials brought to site (as detailed) within value of<br>Government materials supplied.<br>Government materials supplied. | | |

Contractor Signature.

Received Rs.....(in wards).....

.....

By cash and by adjustment of payment as per memorandam.

(for use in the office)

Witnesses:

1

2

31/10

Date:.....

Paid by me by cheque..... ..... Dated.....

Signature of Contractor.

Cash Rs..... Dated.....

Initials of Officer making payment dated.....

Executive Engineer.

| Sl. No. | Description of Items |
|---|---|
| 1 | Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picki scarified materials and stacking of old serviceable materials with lead of 100m. sequential spreading salvagea aggregates with fresh aggregates on prepared base and consolidating as per water macadam specifications including cost of all labour, HOM of machineries compelte as per specifications |
| 2 | Construction of granular sub-baseby providing close graded material, mixing in a mechanical mix plant at carriage of mixed Material to work site, spreading in uniform layers with mortor grader on prepared surfa compacting with vibratory power roller to achieve the desired density, complete as per specification. A.Plan Method. Close graded granual sub-base material as epr 400-1 For Grading Material |
| 3 | Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification inc premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, la uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory ro achieve the desired complete as per specifications |
| 4 | Providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2 kg per 10 sqm for surfaces of low and m porosity respectively over prepared surface of granular base with cut back M.C.70 or any other bitumen mixe diesel at 10kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) inc cost of all materials, labour, HOM of machineries complete as per specifications. |
| 5 | Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 sqm on the prepared bituminous/granular surface cleaned with mechanical broom complete as per specifications bitumen emulsion. |
| 6 | Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix fo for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitu hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm com thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1 km including cost of all mat labour, HOM of machineries compelte as per specification. MORTH Chapter 5 with 80/100 grade bitumen |
| 7 | Providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type HOT mix plant produci average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous bin 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to ac the desired compaction as per MORTH specification clause No.500.9 complete in all respects as per specifica with Bitumen 60/70 |
| 8 | Carriage of mixed materials 10 kms |
| 9 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters a average lift upto 0.5 m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly breaking of clods complete as per specifications. MORTH Chapter 3. in hard soil |
| 10 | Plain cement concrete 1:3:6 mix with crushed stone aggregates 40m nominal size mechanically mixed, plac foundation and compacted by vibration including curing for 14days complete as per specifications. MO |
| 11 | Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost o and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, mat secondary beams |
| 12 | Providing TMT steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, plac position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining me wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, HOM of machinery complete as per specifications. |
| 13 | Providing and removing centering, shuttering, strutting, propping etc.,for edges of slabs and breaks in floor, cills, including cost of all materials, labour complete as per specifications. |

| | Unit | Previous Measurement | | | Present Measurement | | | Total Up-to-date | |
|---|---|---|---|---|---|---|---|---|---|
| | | Qty. | Rate | Cost | Qty. | Rate | Cost | Qty. | Cost |
| g up<br>of the<br>ound | Sqm | 1562.50 | 63.83 | 99734.00 | 490.00 | 63.83 | 31277.00 | 2052.5 | 131011.00 |
| MC,<br>e and<br>Mix | Cum. | 356.14 | 983.89 | 350223.00 | 105.67 | 983.88 | 103967.00 | 461.81 | 454190.00 |
| nding<br>ng in<br>er to | Cum. | 593.59 | 1061.64 | 630179.00 | 176.10 | 1061.64 | 186955.00 | 769.69 | 817134.00 |
| dium<br>with<br>nding | Sqm | 2366.92 | 74.38 | 176052.00 | 711.83 | 74.38 | 52946.00 | 3078.75 | 228998.00 |
| g per<br>sing | Sqm | 2366.92 | 9.07 | 21468.00 | 711.83 | 9.07 | 6456.00 | 3078.75 | 27924.00 |
| mula<br>en in<br>aver<br>acted<br>rials, | Cum. | 118.30 | 5495.31 | 650095.00 | 35.64 | 5495.31 | 195853.00 | 153.94 | 845948.00 |
| g an<br>er at<br>nsor<br>ieve<br>ions. | Cum. | 94.67 | 8083.56 | 765271.00 | 28.48 | 8083.56 | 230219.00 | 123.15 | 995490.00 |
| | Cum. | 1372.70 | 53.19 | 73014.00 | 345.89 | 53.19 | 18398.00 | 1718.59 | 91412.00 |
| d an<br>after | Cum. | 1268.73 | 77.76 | 98656.00 | — | — | — | 1268.73 | 98656.00 |
| d in<br>RTH | Cum. | 128.82 | 3284.28 | 423081.00 | — | — | — | 128.82 | 423081.00 |
| .C.C<br>form<br>steel<br>and | Cum. | 321.31 | 4837.32 | 1554280.00 | — | — | — | 321.31 | 1554280.00 |
| g in<br>bers<br>our, | Qlt | 245.41 | 5838.48 | 1432821.00 | — | — | — | 245.41 | 1432821.00 |
| linth | Sqm | 2574.64 | 199.80 | 514413.00 | — | — | — | 2574.64 | 514413.00 |

| | |
|---|---|
| 14 | Supplying and fixing pre cost Reinforeced concrete slab 10cm thick including cost of reinforecement as per desig drawing material cost transportation hire charges of machinary machine cutting vertical face to get plain even s etc., complete with all lead & lifts conveyance charges, labour charges and complete as per specifications |
| 15 | Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plasterin finishing cutting etc., complete. of size 450 x 200 x 400mm |
| 16 | Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered su including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand pa including cost of materials, labour, complete as per specifications |
| 17 | Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered co surfaces, with materials, labour complete as per specifications. |
| 18 | Disposal of Debris to the final place of disposal with all lead and lift and as direction by the engineer in charge work. Lead 10km a) basic rate for haulage of materials as per item No. 17.4/ KSRRB M100-4.1 Rs. 2.00 Tonne/K Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading |
| | |

**CERTIFICATE**

1 This is to certify that the contractor has completed the work satisfactorily.

2 The contractor has cleared the debries from the work sport

3 The contractor has used his own vehicles for the coveying the debries.

4 There are no departmental issues for the above work.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| and face | Cum. | 937·50 | 1963·60 ~~1570·875~~ | 184087·5=00 | — | — | — | 937·50 | 184087·5=00 |
| and | Nos | 1389·0 | 259=20 | 360000 | — | — | — | 1389·0 | 360000=00 |
| aces ring | Sqm | 512 | 20·52 | 10506 | — | — | — | 512 | 10506·00 |
| rete | Sqm | 512 | 45·90 | 23501 | — | — | — | 512 | 23501·00 |
| the n b) | Cum. | 1134·89 | 94=82 | 107610·00 | — | — | — | 1134·89 | 107610·00 |
| | | | | | | | | | |

8,26,071=00

Add.: 10% KRTPL Charges 82607=00

9,08,678=00